SUPPLEMENT: Engineered Klp61F kinesin can be inhibited by L5-directed compounds: allosteric mechanisms are conserved across Kinesin-5 motors

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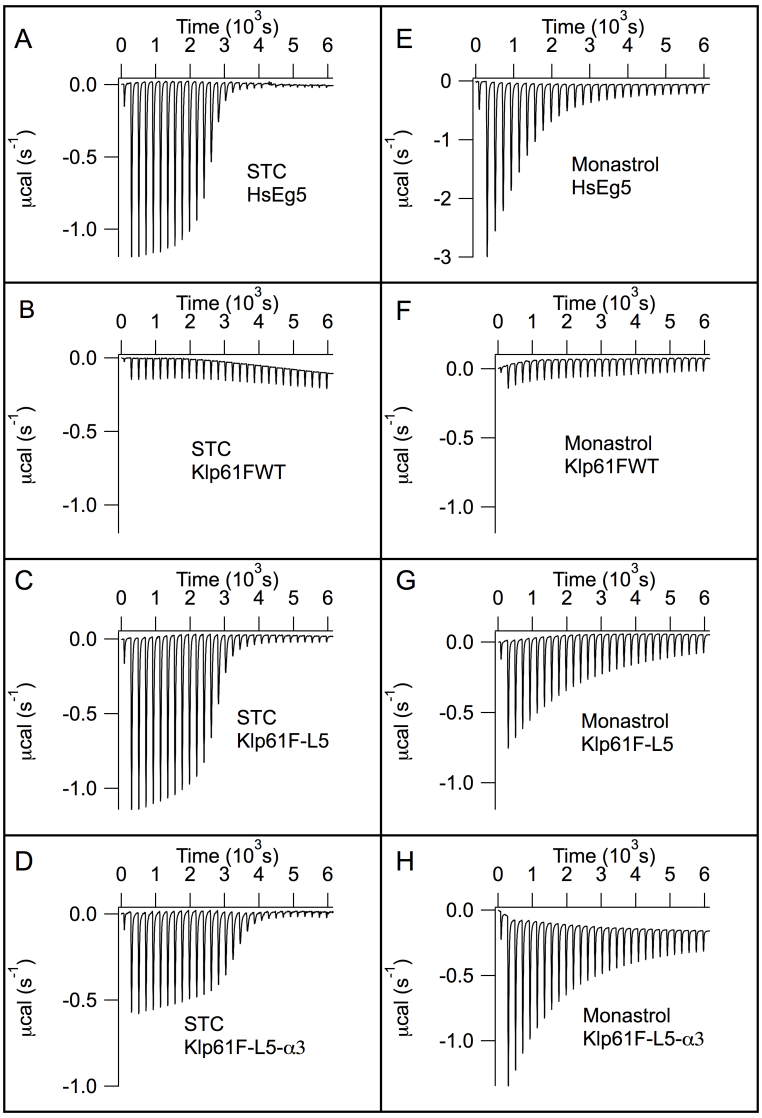

Figure S1. VP-ITC readouts for the drug-binding studies. The left-side panels show data traces of the evolved heats of STC binding to HsEg5 (A), Klp61FWT (B), Klp61F-L5 (C), and Klp61F-L5-α3 (D). The right-side panels show data traces of the evolved heats of monastrol binding to HsEg5 (E), Klp61FWT (F), Klp61F-L5 (G), and Klp61F-L5-α3 (H). Panels B and F do not measure binding reactions, rather they show background heats of dilution of the respective injectant buffers.